

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application.

Listing of Claims:

Claims 1-6 (Canceled).

7. (Previously Presented) A method for operating an internal combustion engine, comprising:
injecting a fuel into a combustion chamber via an injector that includes a drivable piezo-actuator;

generating a setpoint value for driving the piezo-actuator;
determining a setpoint charge quantity from the setpoint value;
determining an actual charge quantity supplied to the piezo-actuator;
combining the setpoint charge quantity and the actual charge quantity to produce a combined result;
causing the combined result to act upon a drive circuit of the piezo-actuator;
generating a setpoint voltage for driving the piezo-actuator;
determining an actual voltage present at the piezo-actuator;
combining the setpoint voltage and the actual voltage to produce a second combined result; and
causing the second combined result to act upon the drive circuit of the piezo-actuator.

8. (Original) The method as recited in Claim 7, further comprising:
determining a second setpoint charge quantity;
determining a second current for driving the piezo-actuator from the second setpoint charge quantity; and
causing the second combined result to act upon the second current.

9. (Original) The method as recited in Claim 8, further comprising:
applying the second setpoint charge quantity to a preset deactivation time.

10. (Original) The method as recited in Claim 9, further comprising:
determining the actual voltage at an end of the deactivation time.

11. (Original) The method as recited in Claim 7, further comprising:
causing the PI controller to influence the second combined result.
12. (Original) The method as recited in Claim 7, wherein:
the method is used to close the injector.
13. (Original) The method as recited in Claim 12, further comprising:
one of discharging and short-circuiting the piezo-actuator via a resistor.
14. (Canceled).
15. (Currently Amended) A memory medium on which is stored a computer program that is programmed to perform the following:
injecting a fuel into a combustion chamber via an injector that includes a drivable piezo-actuator;
generating a setpoint value for driving the piezo-actuator;
determining a setpoint charge quantity from the setpoint value;
determining an actual charge quantity supplied to the piezo-actuator;
combining the setpoint charge quantity and the actual charge quantity to produce a combined result; [[and]]
causing the combined result to act upon a drive circuit of the piezo-actuator;
generating a setpoint voltage for driving the piezo-actuator;
determining an actual voltage present at the piezo-actuator;
combining the setpoint voltage and the actual voltage to produce a second combined result; and
causing the second combined result to act upon the drive circuit of the piezo-actuator.
16. (Currently Amended) A control and/or regulating unit capable of causing the following to be performed:
injecting a fuel into a combustion chamber via an injector that includes a drivable piezo-actuator;
generating a setpoint value for driving the piezo-actuator;
determining a setpoint charge quantity from the setpoint value;
determining an actual charge quantity supplied to the piezo-actuator;

combining the setpoint charge quantity and the actual charge quantity to produce a combined result; [[and]]
causing the combined result to act upon a drive circuit of the piezo-actuator;
generating a setpoint voltage for driving the piezo-actuator;
determining an actual voltage present at the piezo-actuator;
combining the setpoint voltage and the actual voltage to produce a second combined result; and
causing the second combined result to act upon the drive circuit of the piezo-actuator.

17. (Canceled).